



**COUNTY OF LOS ANGELES
FIRE DEPARTMENT
FIRE PREVENTION DIVISION**

AIRCRAFT REFUELING VEHICLES PERMIT REQUIREMENTS

Article 1, section 105 of the Los Angeles County Fire Code states... a permit shall be obtained from the Fire Prevention Division prior to engaging in the following: ... to operate aircraft refueling vehicles. See Article 24. Additional requirements may be applicable.

Aircraft Fueling Vehicles Vehicles shall be equipped and maintained with an approved transfer apparatus. Dispensing hoses and nozzles shall not be longer than necessary to provide efficient fuel transfer operations. Hoses shall be equipped with an approved shutoff nozzle, and actuated by hand pressure only. Notches and other devices shall not be used to hold open a nozzle valve open. Nozzles shall be equipped with a bonding cable complete with proper attachment for the aircraft being serviced.

Bonding and Grounding Aircraft fueling vehicles shall be electrically bonded to the aircraft being fueled or defueled. Bonding connections shall be made prior to making any fueling connections and shall not be disconnected until fuel transfer operations are completed and the fueling connection have been removed.

Smoking Smoking in aircraft fueling vehicles is prohibited. Signs to this effect shall be posted inside the driver's compartment. All smoking equipment shall be removed from aircraft fueling vehicles.

Maintenance Aircraft fueling vehicles and all related equipment shall be properly maintained and kept in good repair. Each hose shall be inspected daily. Tanks, pipes, hoses, valves and other fuel delivery equipment shall be maintained leak-free at all times. Fueling vehicles not properly maintained shall be immediately defueled and taken out of service. Equipment shall not be returned to service until proper repairs have been made.

Operators Aircraft fueling vehicles which are operated by a person other than the permittee or the permittee's regularly authorized employee shall be provided with a legible sign visible from the outside thereof showing the name, firm or corporation operating such unit. Aircraft fueling vehicles shall be attended and operated only by persons instructed in the methods of proper use and operation and who are qualified to use such fueling vehicles in accordance with minimum safety requirements.

Positioning of Fueling Vehicles Aircraft fueling vehicles shall not be located, parked or permitted to stand under any portion of an aircraft or in a position where such unit would obstruct egress from an aircraft should a fire occur during fuel transfer operations. A clear path shall be maintained for fueling vehicles to provide prompt and timely egress from the fueling area.

Transfer Personnel During fuel transfer operations, a qualified person shall be in control of each transfer nozzle and another qualified person shall be in immediate control of the fuel-pumping equipment to shut off or otherwise control the flow of fuel from the time fueling operations begin until they are completed.

Protection of Hoses Before an aircraft fueling vehicle is moved, fuel transfer hose shall be properly placed on an approved reel or in the compartment provided, or stored on top decking of the refueler if proper rail height is provided for security and protection of such equipment. Fuel transfer hose shall not be looped or draped over any part of the refueler unit, except as herein provided. Fuel transfer hose shall not be dragged when such refueler unit is moved from one fueling position to another.

Loading and Unloading Aircraft fueling vehicles shall be loaded only at an approved loading rack, except when defueling aircraft loading from the fuel tanks of aircraft is allowed. The fuel cargo of such units shall be unloaded only by approved transfer apparatus into the fuel tanks of aircraft, underground storage tanks or approved gravity storage tanks.

Passengers Passenger traffic is allowed during the time fuel transfer operations are in progress, provided the following provisions are strictly enforced by the owner of such aircraft or the owner's authorized employee:

1. Smoking and producing an open flame in the cabin of the aircraft or on the outside thereof within 50 feet (15240 mm) of such aircraft is prohibited. A qualified employee of the aircraft owner shall be responsible for seeing that the passengers are not allowed to smoke while remaining aboard the aircraft or while going across the ramp from the gate to such aircraft, or vice versa;
2. Passengers shall not be permitted to linger about the plane, but shall proceed directly between the loading gate and the aircraft;
3. Passenger loading stands shall be left in loading position until all fuel transfer operations are completed;
4. Fuel transfer operations shall not be performed on the main exit side of any aircraft containing passengers except when the owner of such aircraft or a capable and qualified employee of such owner remains inside the aircraft to direct and assist the escape of passengers through the regular and emergency exits in the event fire should occur during such fuel transfer operations.

Sources of Ignition Smoking and producing open flames within 50 feet (15240 mm) of a point where fuel is being transferred shall be prohibited. Electrical and motor-driven devices shall not be connected to or disconnected from an aircraft at any time fueling operations are in progress on such aircraft.

Fire Extinguishers Aircraft fueling tank vehicles shall be equipped with at least two-20BC fire extinguishers. Extinguishers shall be accessible at all times from either side of the vehicle.

Notification of Fire Department The Fire Department shall be notified of any fuel spill that is a hazard to people or property, or meets one of the following criteria:

1. Any dimension of the spill is greater than 10 feet,
2. The spill area is greater than 50 square feet or
3. The fuel flow is continuous.

Radar Equipment Aircraft fuel servicing shall not be permitted for any aircraft while the weather mapping radar is operating, or within 300 feet of an operating aircraft surveillance radar, or within 300 feet of airport flight traffic surveillance radar equipment, or within 100 feet of airport ground traffic surveillance radar.

Additional
Requirements _____
3/2003